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5 **WHAT IS CLAIMED IS:**

1. A Web Offset heatset ink composition comprising an aqueous polymer latex dispersed in an ink base that comprises:

- (a) an ink resin;
(b) a non-volatile plasticizer; and
10 (d) a pigment;

wherein said polymer latex has amine functional groups and said ink had less than about 2 percent by weight of volatile organic compounds (VOC).

2. The ink composition of claim 1, wherein said polymer latex is acrylic:styrene
15 copolymer latex.

3. The ink composition of claim 1, wherein said polymer latex comprises a protective colloid which comprises acid functional groups.

20 4. The ink composition of claim 3, wherein said protective colloid is JONCRYL®-type resin.

5. The ink composition of claim 1, wherein said non-volatile plasticizer is ethylhexyltallate.
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6. The ink composition of claim 1, wherein said ink resin comprises acid functional groups.

7. The ink composition of claim 1 containing about 0 percent by weight of volatile
30 organic compounds (VOC).

8. A method for increasing drying or setting speed of a Web Offset heatset ink composition which has less than about 2 percent by weight of volatile organic compounds (VOC) and which comprises:

- (a) an ink resin;
35 (b) a non-volatile plasticizer; and
(d) a pigment;

said method comprising adding to said ink composition an aqueous polymer latex having amine functional groups.

40 9. The method of claim 8, wherein said polymer latex is acrylic:styrene copolymer latex.

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10. The method of claim 8, wherein said polymer latex comprises a protective colloid which comprises acid functional groups.

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11. The method of claim 10, wherein said protective colloid is JONCRYL®-type resin.

12. The method of claim 8, wherein said non-volatile plasticizer is ethylhexyltallate.

13. The method of claim 8, wherein said ink resin comprises acid functional groups.

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14. The method of claim 8, wherein said ink composition contains about 0 percent by weight of volatile organic compounds (VOC).

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15. A method of increasing shelf stability of a Web Offset heatset ink composition which has less than about 2 percent by weight of volatile organic compounds (VOC) and which comprises:

(a) an ink resin;

(b) a non-volatile plasticizer; and

(d) a pigment;

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said method comprising adding to said ink composition an aqueous polymer latex having amine functional groups and a protective colloid which comprises acid functional groups.

16. The method of claim 15, wherein said polymer latex is acrylic:styrene copolymer latex.

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17. The method of claim 15, wherein protective colloid is JONCRYL®-type resin.

18. The method of claim 15, wherein said non-volatile plasticizer is ethylhexyltallate.

19. The method of claim 15, wherein said ink resin comprises acid functional groups.

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20. The method of claim 15, wherein said ink composition contains about 0 percent by weight of volatile organic compounds (VOC).